AlTaasis AlSaleem

Al-Taasis Al-Saleem Workbook

Mathematics

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Mathematics Exam 1

1 Choose the correct answer:

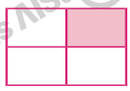
(a) Which of the following is an odd number? .....

(A) **34** (B) **23** (C) **16** (D) **48**

(b) The double of **5** is .....

(A) **13** (B) **10** (C) **18** (D) **28**

(c) The shape that represents $\frac{1}{4}$ is .....

(A) (B) (C) (D) 

(d) If Amr has **50** L.E., then which item can he buy? .....

(A)

(B)

(C)

(D)

(e) Estimated difference of **84 – 43** using the front-end estimation = ...

(A) **120** (B) **40** (C) **50** (D) **30**

2 Complete the following:

(a) **40 – 16 =** ..... (b) **35 + 42 =** .....

(c) **156 + 24 =** ..... (d) **376 – 245 =** .....

(e) **23** rounded to the nearest ten equals .....

(f)

+

= ..... L.E.

(g) The fraction with a denominator of **2** and a numerator of **1** is $\frac{\text{.....}}{\text{.....}}$

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3 Read and solve:

Mariam has **4** blue beads.

She gave **3** of them to her friend.

What fraction of the beads does Mariam have left?

The fraction is ..... / .....

4 Answer the following questions:

(a) **Draw the array, then complete:**

Number of rows: .....

Addition equation:

.....

Number of columns: .....

Addition equation:

.....

Show your work

Name of the array: 2 by 3

(b) **Discover the rule of the pattern, then extend the pattern:**

40 , 42 , 44 , ... , ... , ... Rule is .....

5 Use the following bar graph to answer the questions:

(a) How many students preferred Wednesday?

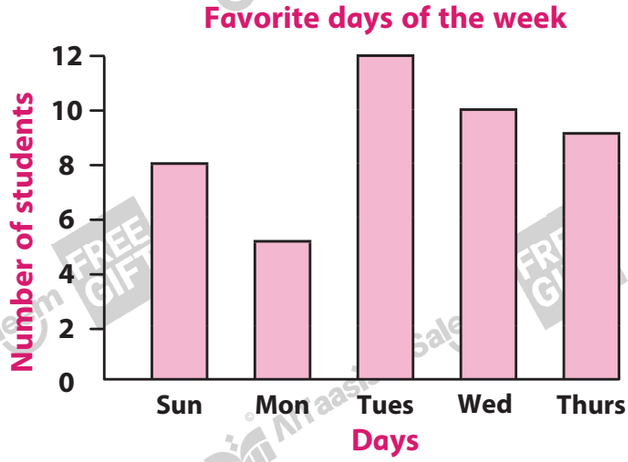
.....

(b) Which day is preferred the most?

.....

(c) How many students preferred Sunday and Thursday in total?

.....



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Mathematics Exam 2

1 Choose the correct answer:

(a) The rule of the pattern: **30, 33, 36,** is .....

(A) **+3** (B) **+2** (C) **+4** (D) **−4**

(b) The fraction of the colored part is .....

(A) $\frac{1}{3}$ (B) $\frac{1}{4}$ (C) $\frac{1}{2}$ (D) $\frac{2}{3}$

(c) The number of rows in the shown array .....

(A) **8** (B) **6** (C) **2** (D) **4**

(d) The total value of the shown banknotes = ... L.E.

(A) **65** (B) **55** (C) **45** (D) **35**

(e) **56** rounded to the nearest ten equals .....

(A) **50** (B) **60** (C) **80** (D) **70**

2 Compare using the correct symbol (>, < or =):

(a)	**345**		**435**
(b)	**83 − 27**		**77 − 21**
(c)	**583 + 207**		**389 + 155**
(d)	**254 + 65**		**173 + 164**
(e)	**50** L.E.		**20** L.E. + **20** L.E. + **5** L.E.

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3 Read and solve:

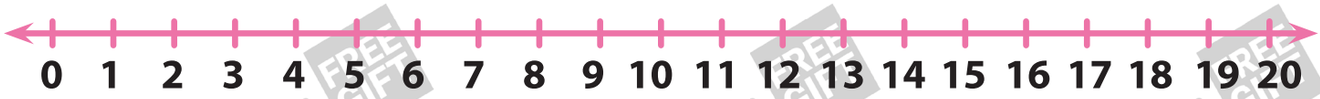
Amir bought a pair of shoes for **250** L.E. and a toy for **88** L.E.

How much money did Amir pay to buy the shoes and the toy?

Amir paid = ... L.E.

4 Answer the following questions:

(a) Use the number line to find the difference of **18 – 9 =** .....



(b) Write the fact family for **7** , **15** , **8**

..... + ... = ... , ... – ..... = ...

..... + ... = ... , ... – ..... = ...

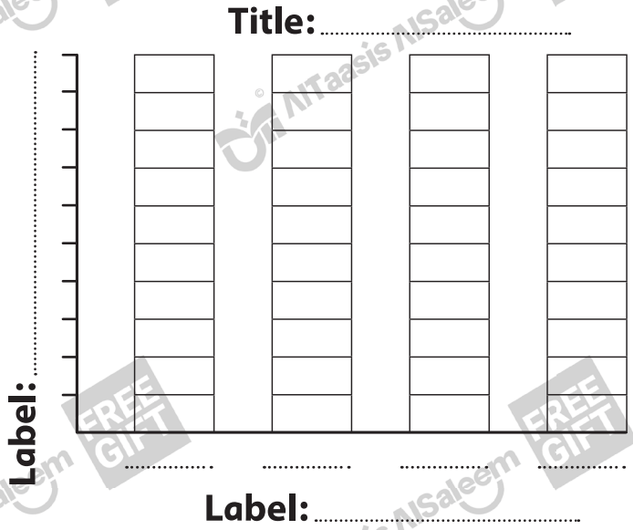
5 Make a bar graph using the following data collected by Ibrahim about the number of fruits he had bought:

(a) Green apples : **5**

(b) Oranges : **10**

(c) Bananas : **25**

(d) Red apples : **15**



(e) **Answer the following questions:**

(1) What is the most number of fruits did Ibrahim buy? .....

(2) How many more oranges than green apples? .....

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Mathematics Exam 3

1 Choose the correct answer:

(a) What is **9 + 6**? .....

(A) **16** (B) **19** (C) **15** (D) Even

(b) The double of **4** is .....

(A) **5** (B) **6** (C) **7** (D) **8**

(c) The next number in the pattern: **60, 55, 50, ...** is .....

(A) **31** (B) **35** (C) **45** (D) **50**

(d) Estimated result of **67 + 25** by using the front-end estimation is .....

(A) **70** (B) **90** (C) **50** (D) **80**

(e) The fraction representing the colored circles ● ● ● ○ is .....

(A) $\frac{3}{4}$ (B) **1** (C) $\frac{1}{2}$ (D) $\frac{2}{3}$

2 Answer the following questions:

(a) Use the place value chart to find the difference:

719 – 257 = ...

Hundreds	Tens	Ones

(b) Use the number line to round the number **36** to the nearest ten.

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3 Read and solve:

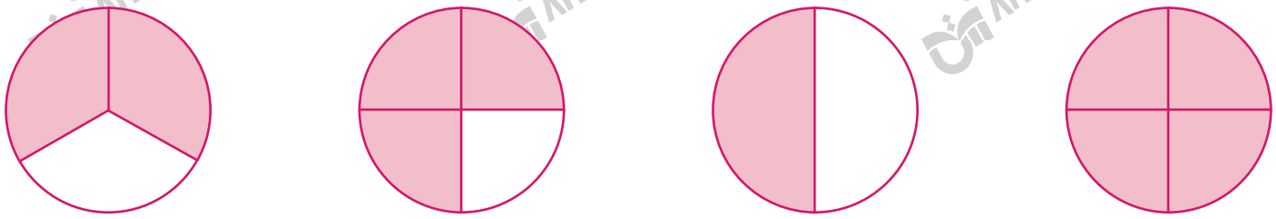
How many fish did Uncle John catch altogether if he had **59** in his bucket and **34** in his net?

The total number of fish = ... fish.

4 Find the results:

39 + 44 = ...	38 − 14 = ...	123 + 275 = ...	536 − 218 = ...	248 + 17 = ...

5 Match each shape with its fraction:



Three fourths | Two thirds | One whole | One half

6 Draw the banknotes to show the price of the doll:

Show your work

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Mathematics Exam 4

1 Choose the correct answer:

(a) The addition equation for the array **3** by **5** is .....

(A) **3 + 3** (B) **5 + 5 + 5** (C) **3 + 5** (D) **3 + 3 + 3**

(b) These shapes are all divided into equal parts called .....

(A) halves (B) thirds (C) fourths (D) one whole

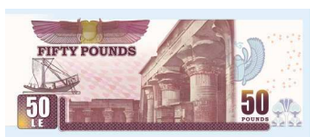
(c) **50 +** ..... **= 63**

(A) **3** (B) **13** (C) **23** (D) **33**

(d) The sum of **325** and **186** is .....

(A) **521** (B) **139** (C) **511** (D) **401**

(e) The total value of the shown banknotes = ... L.E.



(A) **50** (B) **100** (C) **150** (D) **200**

2 Put (✓) or (✗) for the following statements:

(a) **649** is an even number. ( )

(b) The value of the digit **3** in **234** is **30** ( )

(c) The fractions $\frac{1}{2}$ and $\frac{2}{4}$ are the same. ( )

(d) **500 – 235 = 335** ( )

(e) **250** rounded to the nearest hundred equals **200** ( )

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3 Read and solve:

Last week, Farida had **55** marbles.

She lost **36** marbles when she dropped her marble bag.

How many marbles are left?

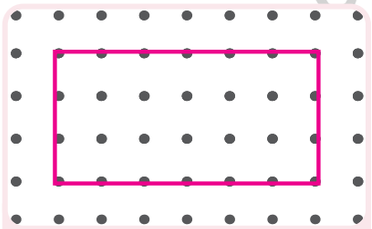
Marbles left = ... marbles.

4 Answer the following:

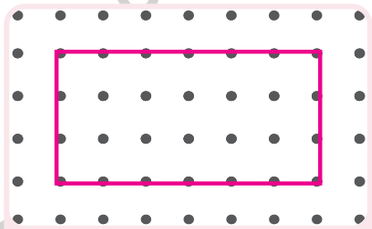
(a) **Decompose 65 in three different ways.**

65 = ... + ... **65** = ... + ... **65** = ... + ...

(b) **Draw line(s) to show the given fractions:**



Halves



Fourths

5 Use the following pictograph to complete the table:

Favorite pet in our class

Dog	★★★★★★
Cat	★★★★½
Fish	★★★½
Hamster	★★★

Key ★ = **2** votes, ½★ = **1** vote

Pets	Number
Dog	.....
Cat	.....
Fish	.....
Hamster	.....

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Mathematics Exam 5

1 Choose the correct answer:

(a) represents ..... L.E.

(A) 1 (B) 10 (C) 20 (D) 100

(b) All the numbers are even except .....

(A) 12 (B) 14 (C) 16 (D) 19

(c) Estimating the difference: **124 – 17** is .....

(A) 100 (B) 50 (C) 120 (D) 90

(d) **36 =** ..... **+ 6**

(A) 30 (B) 6 (C) 60 (D) 3

(e) A fraction whose numerator is **2** and denominator is **3** is .....

(A) $\frac{1}{3}$ (B) $\frac{1}{2}$ (C) $\frac{2}{2}$ (D) $\frac{2}{3}$

2 Think and write the correct number in the boxes:

(a) **15 + 8 =** .....

(b) **95 – 14 =** .....

(c) **173 + 29 =** .....

(d) **657 – 87 =** .....

(e) **250 + 362 =** .....

(f) **728 – 492 =** .....

(g) **80 +** ..... **= 94**

(h) ..... **+ 12 = 52**

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3 Read and solve:

Hossam has **349** pounds.

His father gave him **452** pounds. **How much money does Hossam have now?**

Total money = ...

..... pounds.

Show your work

4 Answer the following questions:

(a) A table has **4** legs.

How many legs are there in **2** tables?

Represent an array to find the total.

.....

.....

Show your work

(b) What fraction has a numerator of **1** and a denominator of **3**?

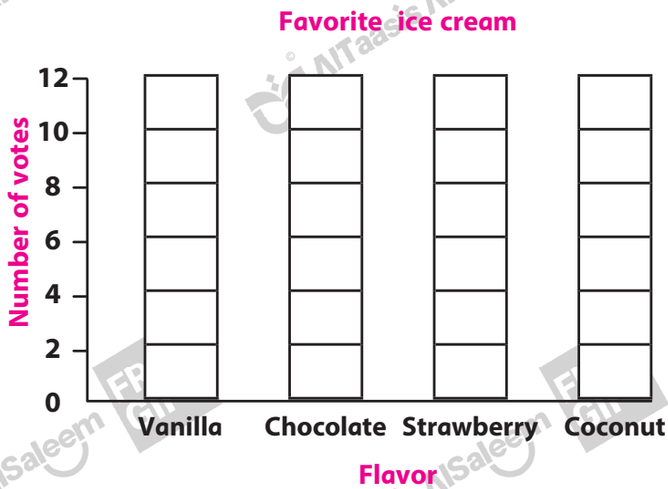
.....

5 Convert the same information from the pictograph into the bar graph, then answer the question below:

Favorite ice cream

Vanilla	4
Chocolate	6
Strawberry	5
Coconut	2

Key = **2** students, = **1** student



Which is the most favorite ice cream flavor?

.....

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Mathematics Exam 6

1 Choose the correct answer:

(a) **39 + 42 =** .....

(A) **81** (B) **91** (C) **17** (D) **72**

(b) One whole is ..... fourths.

(A) One (B) two (C) three (D) four

(c) **356 – 171 =** .....

(A) **225** (B) **185** (C) **527** (D) **427**

(d) The name of the array is .....

(A) **3** by **2** (B) **3** by **4** (C) **4** by **4** (D) **4** by **3**

(e) Which number equals **5** hundreds, **4** tens and **2** ones? .....

(A) **245** (B) **452** (C) **542** (D) **524**

2 Match, then write the correct number:

(a) Rounding **49** to the nearest ten is ..... — **10**

(b) **1** hour = ... minutes. — **20**

(c) **96** = ... + **76** — **30**

(d) **40** L.E. + ... L.E. = **70** L.E. — **50**

(e) The double of **5** = ... — **60**

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3 Read and solve:

Samar had **250** cupcakes to sell at a bake sale.

She sold **115** cupcakes.

How many cupcakes are left?

Cupcakes left: ..... cupcakes.

4 Answer the following questions:

15	19	12	18	13

(A) **Complete the following according to the number cards above:**

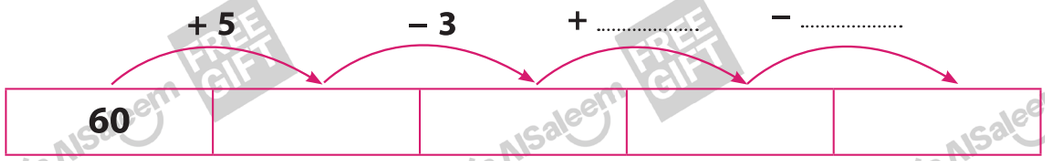
(1) Odd numbers are: .....

(2) Even numbers are: .....

(3) An even number greater than **14** but smaller than **20**: .....

(4) An odd number greater than **11** but smaller than **15**: .....

(B) **Follow the pattern rule (add 5, subtract 3) to complete the pattern:**



5 Count money then write the total amount:

Hundreds 100 L.E.	Tens 10 L.E.	Ones 1 L.E.

Total amount

.....

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Mathematics Exam 7

1 Choose the correct answer:

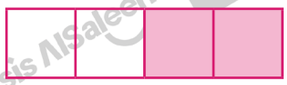
(a) What is the sum of **38** and **22** ?

(A) **50** (B) **60** (C) **16** (D) **61**

(b) Jana had **80** stamps and gave **30** stamps to her brother.
How many stamps does she have left?
The operation that represents the solution is: .....

(A) **80 + 30** (B) **80 – 30** (C) **30 – 8** (D) **30 + 8**

(c) The fraction that represents the given model is .....



(A) $\frac{1}{2}$ (B) $\frac{1}{3}$ (C) $\frac{1}{4}$ (D) **1**

(d) The numbers **50**, **52**, **53**, **54**, **56** are even except .....

(A) **50** (B) **53** (C) **54** (D) **56**

(e) The next number in the pattern: **18**, **20**, **22**, ... is .....

(A) **23** (B) **21** (C) **24** (D) **26**

2 Solve the following sequence problems:

(a) **62 – 10 =** .....
62 – 20 = ...
62 – 30 = ...
62 – 32 = ...
62 – 33 = ...

(b) **170 – 10 =** .....
170 – 20 = ...
170 – 50 = ...
170 – 100 = ...
170 – 99 = ...

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3 Read and solve:

I need **47** party hats for my birthday party.

I already have **35**.

How many more party hats do I need?

Party hats needed = ... party hats.

4 Answer the following questions:

(a) **Look at the two problems in the box.**

The same number is missing in both of them.

What is the missing number?

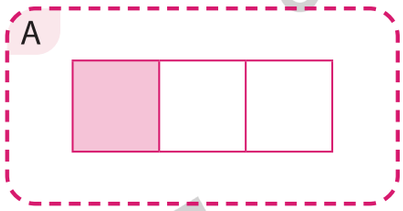
The missing number is .....

65 – ..... = 60

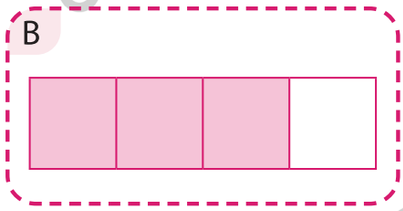
60 + ... = 65

(b) **Write the fraction of the colored parts or objects:**

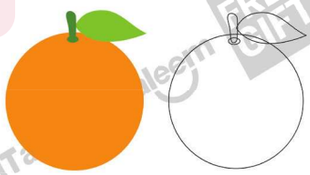
A .....



B .....



C



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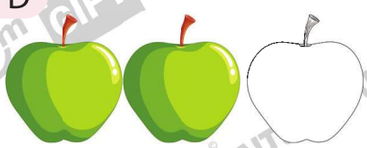
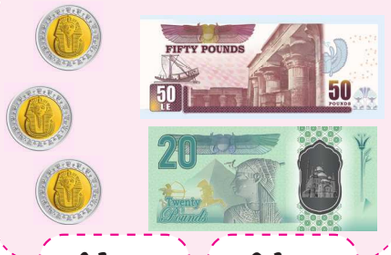


.....

5 Is there enough money to buy the car toy?

..... L.E.



Yes No

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Mathematics Exam 8

1 Choose the correct answer:

(a) The sum of **7** and ..... is an odd number.

(A) **1** (B) **5** (C) **2** (D) **7**

(b) The total value of the banknotes = ... L.E.

(A) **50** (B) **100** (C) **150** (D) **200**

(c) **84 – 35 =** .....

(A) **35** (B) **49** (C) **119** (D) **129**

(d) **42 + 457 =** .....

(A) **386** (B) **654** (C) **499** (D) **564**

(e) The shown shapes are divided into equal parts called .....

(A) halves (B) thirds (C) fourths (D) one whole

2 Complete the following:

(a) Number of columns in the array = ...

(b) **16 – 8 =** .....

(c) **88, 77, 66,** ..... , ... , ... (in the same pattern)

(d) **7 + 6 =** .....

(e) Seham has **432** L.E., her father gives her **394** L.E.
How much money does Seham have now?

Seham has now = ... L.E.

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3 Use the place value money mat to solve the following story problem:

Farah went to the market.
She bought meat for **265** L.E.
and a chicken for **138** L.E.
What is the total amount of money she spent?
Total amount is ..... L.E.

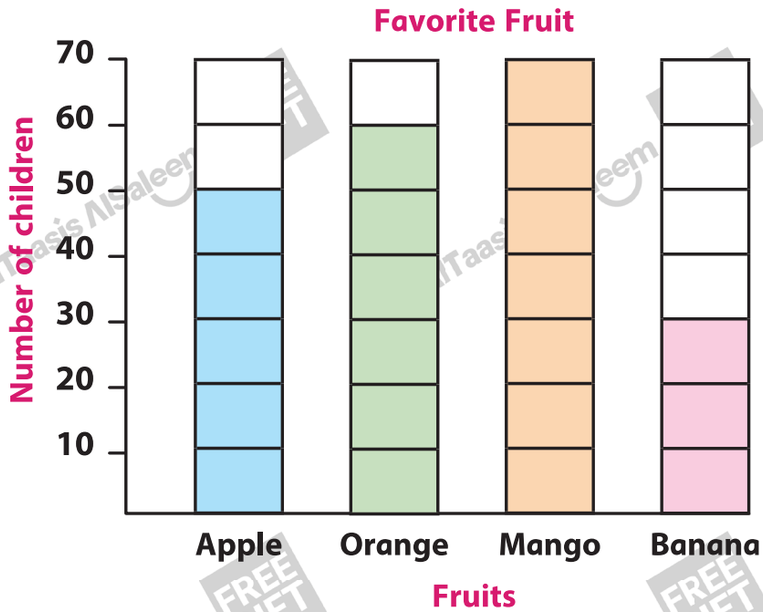
Place value money mat		
Hundreds 100 L.E.	**Tens 10 L.E.**	**Ones 1 L.E.**

4 Answer the following question:

What is the fraction that represents the number of green balloons? .....

5 Look at the bar graph and complete the table, then answer the questions below:

Favorite Fruit	
Fruit	**Number**
Apple	
Orange	
Mango	
Banana	



(a) Which fruit is liked the most? .....

(b) Which fruit is liked the least? .....

(c) What is the title of the graph? .....

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Mathematics Exam 9

1 Choose the correct answer:

(a) The name of the array is .....

(A) **2 by 2** (B) **2 by 4** (C) **3 by 2** (D) **2 by 3**

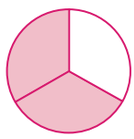
(b) The sum of ..... is an odd number.

(A) **4, 4** (B) **3, 3** (C) **3, 4** (D) **3, 5**

(c) **54 =** ..... **+ 24**

(A) **30** (B) **20** (C) **40** (D) **50**

(d) The equivalent fraction representing the corresponding is .....



(A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{2}{3}$ (D) $\frac{1}{2}$

(e) The difference of **766** and **518** is .....

(A) **258** (B) **248** (C) **158** (D) **284**

2 Complete the following:

(a) The estimation of **87** by using front-end estimation is .....

(b) **100** L.E. + **50** L.E. + **1** L.E. + **1** L.E. + **1** L.E. = ... L.E.

(c) **36, 30, 24,** ....., ..., ... (in the same pattern)

(d) An odd number + an odd number = an ..... number.

(e) **290 + 130** → ..... + ... = ... (to the nearest hundred).

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3 Read and solve:

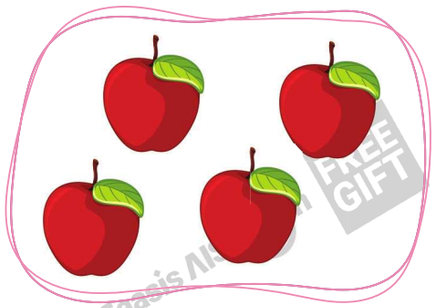
There are **229** boys and **231** girls in a school.

How many students are there in the school altogether?

Total number of students: ..... students.

4 Answer the following questions:

(a) **Look at the picture, then answer:**



(A) How many apples are there altogether?

.....

(B) If two apples are eaten, how many apples are left now?

.....

(C) What is the fraction that represents the remaining apples?

The fraction is $\frac{\square}{\square}$

(b) **Shade every second box.**

How many boxes are not colored? .....

Is it odd or even? .....

5 Match each number with the number rounded to the nearest ten:

35	62	21	49
20	50	40	60

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Mathematics Exam 10

1 Choose the correct answer:

(a) The rule of the pattern **10, 20, 30, 40,...** is .....

(A) **+5** (B) **−5** (C) **+10** (D) **−10**

(b) Which of the following numbers is even? .....

(A) **17** (B) **24** (C) **29** (D) **31**

(c) **835** rounded to the nearest hundred is .....

(A) **300** (B) **500** (C) **800** (D) **600**

(d) The repeated addition for the array **2** by **9** is .....

(A) **2 + 2** (B) **9 + 9** (C) **2 + 9** (D) **9 + 2**

(e) When using the banknotes of **1** L.E., **10** L.E., and **100** L.E. to make **235** L.E. using the Place Value/Money mat.
We put ..... hundred L.E. banknotes in the hundreds place.

(A) **2** (B) **10** (C) **5** (D) **3**

2 Write True or False for the following statements:

(a) **231 + 562 > 721 − 258** ( )

(b) **5** tens and **4** ones = **4** tens and **14** ones. ( )

(c) The numbers **0, 2, 1, 4, 8, 15** follow the same pattern. ( )

(d) An odd number + **2** is an odd number. ( )

(e) Two thirds = one whole. ( )

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3 Read and solve:

Amr won **32** medals and his friend Zyad won **48** medals.

Who won more? .....

By how many medals?

The difference: ..... medals.

4 Answer the following questions:

(d) Karim was asked to write the number **69**.

He wrote the number **96** instead.

Was his answer greater or smaller than **69**? .....

Mathematical sentence: ..... **–** ..... **=** .....

(e) Shade according to the requirement, then write the fractions of the colored parts?

A

Shade **1** part

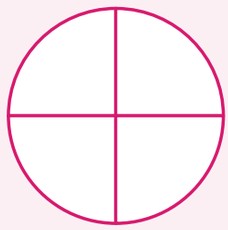
The fraction is .....

B

Shade **2** parts

The fraction is .....

C



Shade **3** parts

The fraction is .....

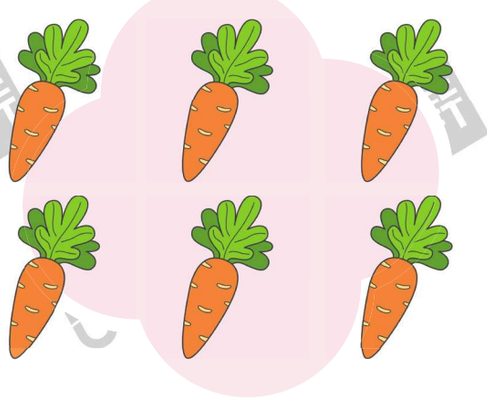
5 Count the rows and columns, then write the repeated addition:

(a) Number of rows = ...

(b) Repeated addition = ...

(c) Number of columns = ...

(d) Repeated addition = ...



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Model Answers

Exam (1)

(1) (a) B (b) B (c) D (d) A (e) B

(2) (a) 24 (b) 77 (c) 180 (d) 131

(e) 20 (f) 20 (g) $\frac{1}{2}$

(3) $\frac{1}{4}$

(4) (a) Answer by yourself. (b) 46, 48, 50 Rule is: +2

(5) (a) 10 (b) Tuesday (c) 8 + 9 = 17

Exam (2)

(1) (a) A (b) A (c) C (d) A (e) B

(2) (a) < (b) = (c) > (d) < (e) >

(3) 250 + 88 = 338 L.E.

(4) (a) 9

(b) 7 + 8 = 15 , 8 + 7 = 15 , 15 – 7 = 8 , 15 – 8 = 7

(5) Create the graph by yourself, Title is fruits Ibrahim bought vertical label is number of fruits, horizontal label is fruits.

(e) (1) Bananas (2) 10 – 5 = 5

Exam (3)

(1) (a) C (b) D (c) C (d) D (e) A

(2) (a) 462 (b) 40

(3) 59 + 34 = 93

(4) 83 , 24 , 398 , 318 , 265 (5) Match by yourself.

(6) (Answer may vary).

Exam (4)

(1) (a) B (b) C (c) B (d) C (e) C

(2) (a) ✗ (b) ✓ (c) ✓ (d) ✗ (e) ✗

(3) 55 – 36 = 19

(4) (a) 60 + 5 , 50 + 15 , 40 + 25 (Answer may vary)

(b) Draw by yourself.

(5) Dogs = 12 , Cats = 9 , Fish = 7 , Hamster = 6

Exam (5)

(1) (a) D (b) D (c) A (d) A (e) D

(2) (a) 23 (b) 81 (c) 202 (d) 570 (e) 612

(f) 236 (g) 14 (h) 40

(3) 349 + 452 = 801

(4) (a) 4 + 4 = 8 legs Draw the array by yourself. (b) $\frac{1}{3}$

(5) Color the bar graph by yourself, The most favorite ice cream flavor is chocolate.

Exam (6)

(1) (a) A (b) D (c) B (d) C (e) C

(2) (a) 50 (b) 60 (c) 20 (d) 30 (e) 10

(3) 250 – 115 = 135

(4) (A) (1) 15, 19, 13 (2) 12, 18 (3) 18 (4) 13

(B) 60, 65, 62, 67, 64

(5) 325 L.E.

Exam (7)

(1) (a) B (b) B (c) A (d) B (e) C

(2) (a) 52, 42, 32, 30, 29 (b) 160, 150, 120, 70, 71

(3) 47 – 35 = 12

(4) (a) 5 (b) $\frac{1}{3}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{2}{3}$

(5) 73, Yes

Exam (8)

(1) (a) C (b) B (c) B (d) C (e) A

(2) (a) 4 (b) 8 (c) 55, 44, 33 (d) 13 (e) 826

(3) 403

(4) $\frac{2}{3}$

(5) (a) Mango (b) Banana (c) Favorite fruit.

Exam (9)

(1) (a) B (b) C (c) A (d) C (e) B

(2) (a) 80 (b) 153 (c) 18, 12, 6 (d) even (e) 300 + 100 = 400

(3) 229 + 231 = 460

(4) (A) (a) 4 (b) 2 (c) $\frac{2}{4}$ or $\frac{1}{2}$

(B) 5, odd

(5) Match by yourself.

Exam (10)

(1) (a) C (b) B (c) C (d) B (e) A

(2) (a) True (b) True (c) False (d) True (e) False

(3) Zyad won more, 48 – 32 = 16

(4) (a) greater 96 > 69, 96 – 69 = 27

(b) (A) $\frac{1}{3}$ (B) $\frac{2}{2}$ = 1 (C) $\frac{3}{4}$

(5) (a) 2 (b) 3 + 3 = 6

(c) 3 (d) 2 + 2 + 2 = 6

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